

FIG.1

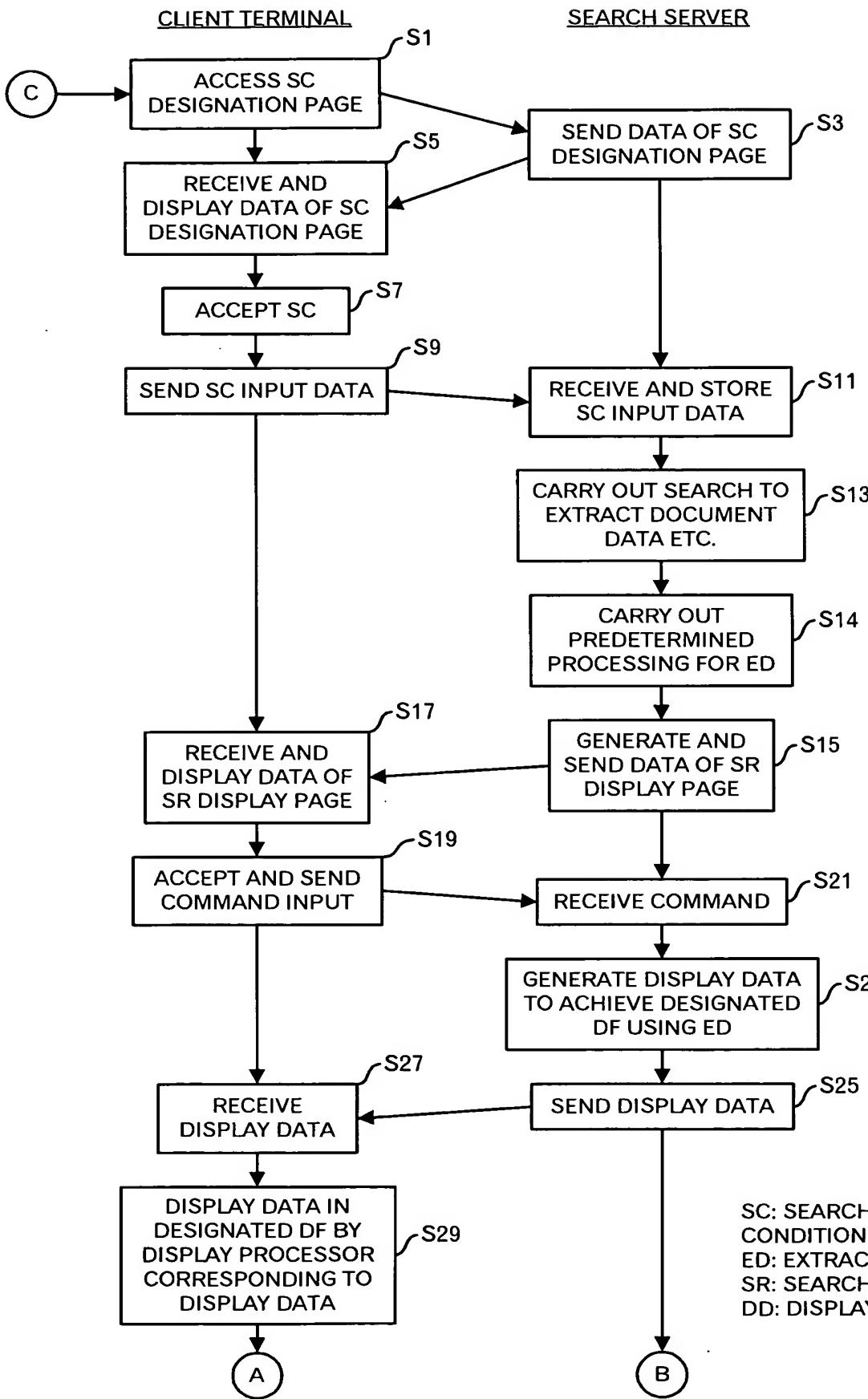


FIG.2

FIG.3

APPLICATION NO.	FILING DATE	PUBLICATION NO.	PUBLICATION DATE	REGISTRATION NO
1 PH10-151930	19980518	PH11-327888	19991130	-
2 PH10-247855	19980818	P2000-066927	20000303	-
3 PS56-094824	19810619	PS57-209551	19821222	-
4 P2001-299101	20010928	P2002-202945	20020719	-
5 P2001-089532	20010327	P2002-288416	20021004	-
6 PH02-285102	19901023	PH04-160448	19920603	-
7 PH10-248603	19980927	P2000-088927	20000409	-
8 PH09-198283	19970724	PH10-097431	19980414	-
9 PH11-210078	19990726	P2001-034458	20010209	-
10 PH11-137098	19990518	P2000-330920	20001130	-
...	:	:	:	:
201	202	203	204	205
206	207	208	209	

APPLICANT	TITLE	ABSTRACT	...
COMPANY A	SEMICONDUCTOR...	[PROBLEM] TO EVADE U...	
COMPANY B	INFORMATION PR...	[PROBLEM] TO ALLOW A...	
COMPANY C	CAREER MANAGIN...	TO AUTOMATICALLY GLA...	
COMPANY A	PERIPHERAL LOA...	[PROBLEM] TO PROVIDE...	
COMPANY B	ASSETS MANAGE...	[PROBLEM] TO MANAGE...	
COMPANY C	ADDRESS CONVE...	TO IMPROVE THE HIT RA...	
COMPANY C	ELECTRONIC EQU...	[PURPOSE] TO PROVIDE...	
COMPANY C	DEVICE AND MET...	[PROBLEM] TO GREATLY...	
COMPANY C	REMOTE LOADIN...	[PROBLEM] TO PROVIDE...	
COMPANY A	METHOD AND SY...	[PROBLEM] TO SMOOTH...	
...	:	:	

PUBLICATION NO.	RELATED WORDS
PH11-327888	EXPOSURE, FUNCTION ADDITION, SEMICONDUCTOR, RESTORATION, FAILURE IN CHANGE, ADDITION, EXTERNAL STORAGE MEDIA, PROGRAM MANAGEMENT, REINSTALLING MISTAKE, CONTENT OF CHANGE, EXTERNAL STORAGE, EVASION, PASSING UNNECESSARY, DELETION, INDIVIDUAL, CHANGE, MEDIA, SOFTWARE, HISTORY, PROGRAM, IMPROVEMENT, EXTERNAL, EFFICIENCY, AUTOMATIC, INSTALLATION, CONTENT, RECORD, NECESSITY, AUTOMATIC OPERATION, FILE, MEMORY, CONTROL
P2000-066927	PERFORMANCE, PERFORMANCE DATA ACQUISITION, HYPERVISOR, PERFORMANCE MEASUREMENT PROGRAM, MAIN STORAGE, EXTERNAL INFORMATION, SYSTEM PROGRAM, INTERVENTION, MAIN, TRACKING, STORAGE, MEMORY, SCHEDULED CONTROL, REAL PERFORMANCE VALUE, PERFORMANCE CHANGE, TARGET PERFORMANCE VALUE, PROGRAM, ADDRESS, MEASUREMENT, EXTERNAL, TABLE, TOLERANCE, SERVICE PROCESSOR, AREA, READ, ALL, DATA AREA, DUPLICATE, SAVE AREA, ALLOWANCE, SCHEDULE, TARGET, STOP, NONE, PROCESSING, RANGE, INTERFACE, CHANGE, SPECIFICATION, PROCESSOR, SERVICE, DISPLAY, CHANGE, CONTROL, SOFTWARE
PS57-209551	A/B, HISTORICAL INFORMATION, HISTORY, COMPARISON, HARDWARE CODE, FINAL HISTORICAL INFORMATION, FIRMWARE, CODE, RESPECTIVELY, OS, FINALITY, HARDWARE, CONTENT, FIRMWARE CODE, EXTRACTED INITIAL SET, UNIQUENESS, CONTENT OS CODE, EACH PRESCRIBED AREA, HISTORY MANAGEMENT SCHEME, OPERATION PREPARATION, ASPECT, AT FIRST, MAINTENANCE, DISPLAY, THIS TIME, PECULIARITY, ACCOMMODATION, ACCOMPANYING, FORWARDING, MAINTENANCE MEANS, CORRECTION INFORMATION, WRITING, RAM, EXTERNAL STORAGE, MANAGEMENT SCHEME, PREPARATION, PROGRAM, RESULT, COMPARISON CIRCUIT, OPERATION, COMPARISON RESULT, INDEPENDENCE, CHANNEL, A, B, MEMORY, MOTOR, SIMULTANEOUS, INTERRUPT, RECOGNITION, LEVEL, SET, EXTRACTION, EXTERNAL, AREA, CORRECTION, CORRESPONDENCE, USE, ADDRESS, ACCESS, EXECUTION, SOFTWARE
P2002-202945	JOB, ACCESS TICKET, JOB MANAGEMENT, TICKET, JOB MANAGEMENT COMMAND, PERIPHERAL, DECIPHERMENT, ACCESS, COMMAND, CONSOLE, NETWORK, IN NETWORK ENVIRONMENT, NETWORK ENVIRONMENT, DIRECTORY SERVER, ACCESS CONTROL, MANAGEMENT SOFTWARE, INVESTIGATE, UNION, DUPLICATE, DIRECTORY, MANAGEMENT METHOD, ENVIRONMENT, CONTENT, CONTROL, CONNECTION, INPUT, SERVER SOFTWARE
P2002-288416	EQUIPMENT, NETWORK ADDRESS, SPECIFICATION, BUSY, USE REQUEST, STORAGE PART, STATE, ASSET MANAGEMENT, REFERENCE, ASSET, SOFTWARE USE REQUEST, EQUIPMENT INFORMATION STORAGE, ADDRESS, SERVER, ASSET MANAGEMENT METHOD, USE, USER, INFORMATION PROCESSING EQUIPMENT, INFORMATION STORAGE, MEMORY, USE PERMISSION, NETWORK, SOFTWARE INFORMATION, EQUIPMENT INFORMATION, SOFTWARE, REQUEST, USE, ISSUE, EACH OTHER, CHANGE, PERMISSION, TERMINAL, RESPONSE, RELATION, SPECIFIC
PH04-160448	ADDRESS, PAGE SIZE, PAGE, ADDRESS CONVERSION, SIZE, VIRTUAL ADDRESS, CONVERSION, BIT, ADDRESS CONVERSION METHOD, VIRTUAL ADDRESS SPACE, CONVERSION MEMORY, SPACE, REAL ADDRESS, VIRTUAL, ADDRESS PAIR, AT THE ADDRESS TRANSLATION, THE MOST SMALL UNIT, REAL ADDRESS SPACE, REAL PAGE, REAL MEMORY, IN INFORMATION PROCESSOR, DYNAMIC ADDRESS TRANSLATION METHOD, MEMORY, OBJECT OF COMPARISON, BIT NUMBER, CORRESPONDENCE, PAIR, ADJUSTMENT, THE MOST SMALL, EXPAND, CONTROL, PART, USE, DYNAMIC, EFFECTIVE, UNIT, CHANGE, OBJECT, HARDWARE, CORRESPONDENCE, ACCESS, STORAGE, SETTING, COMPARISON, SOFTWARE
P2000-088927	ASYNCHRONOUS PROCESS, ASYNCHRONOUS SYSTEM, INTERRUPT CONTROL, INTERRUPT, ASYNCHRONOUS PROCESS MECHANISM, STANDBY, HOT, CONTROL, START INSTRUCTION, STANDARD SYSTEM, USELESSNESS, FAILURE OCCURRENCE, STANDARD, REPORT, LOAD, END, RECOGNITION, START, TROUBLE, INSTRUCTION, OCCURRENCE, PLURAL, CONNECTION, PROCESSING, SOFTWARE

FIG.4

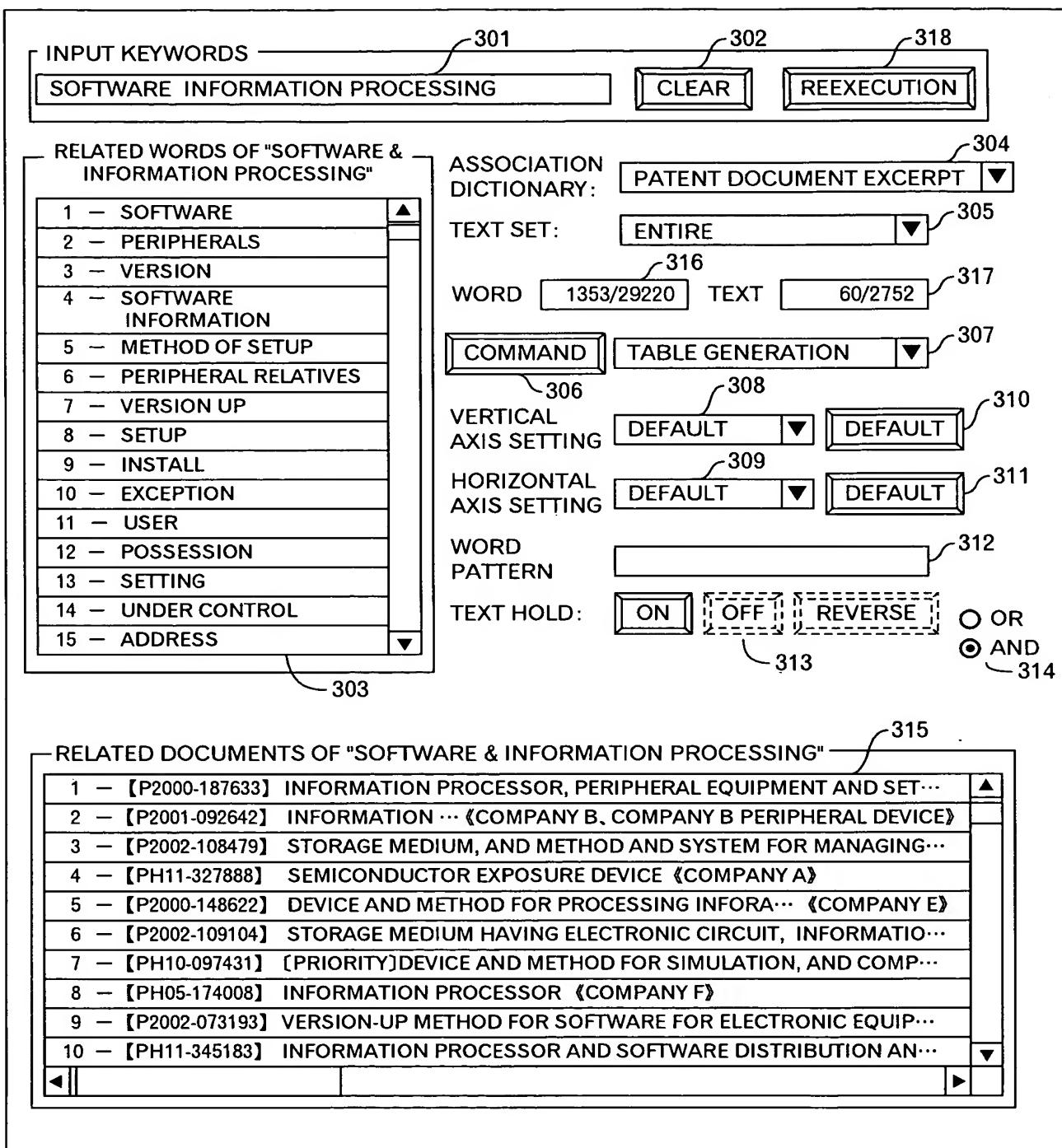


FIG.5

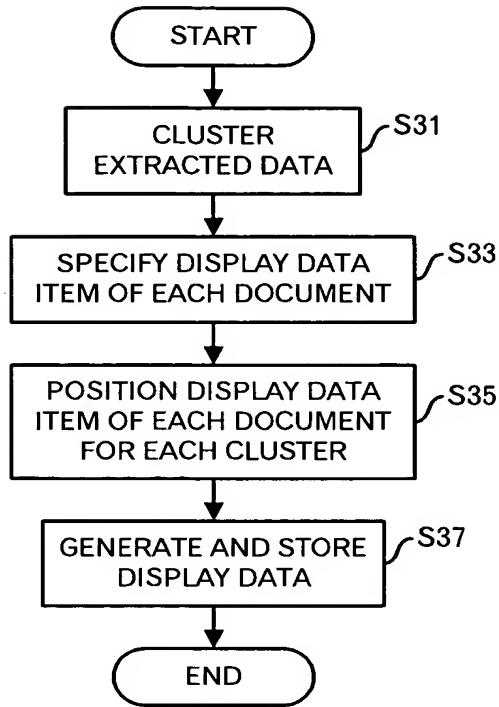


FIG.6

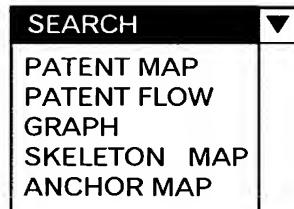


FIG.8

SEARCH ▼	401	402	403	404	405	410
TOTAL 60 DOCUMENTS [CLUSTERING]	★COMPANY A (10)	★COMPANY B (8)	★COMPANY C (6)	★COMPANY D (5)		
ID USER SOFTWARE INFORMATION USER ID	[PH11-345183] INFORMATION PROCESSOR AND ... «COMPANY B» [P2001-216166]	Maintenance control method for information processor... «COMPANY B» [P2002-304565] [PRIORITY] ■ information processor and design... «COMPANY B»				
(28) COMMAND COMPARISON ADDRESS REGISTER EXECUTION ADDRESS DEBUGGING AREA	[PH11-327888] semiconductor exposure device «COMPANY A» [P2000-330920]	information processing system «COMPANY B» [P2002-288416] assets management method method and system for information... «COMPANY A» [P2002-202945] [PRIORITY] ■ peripheral equipment, information processor, copying... «COMPANY A»	[PS57-209551] career managing system for information processor «COMPANY C» [PH04-160448] address conversion system «COMPANY C» [P2000-088892] electronic equipment «COMPANY C»	[PH11-203243] method and device for information processing, information... «COMPANY D» [PH04-160448]		
407	408	409	410	411	412	413
(5) ELECTRONIC MAIL ELECTRONIC						[PH10-334065] information processing method, information ...

FIG. 7

PATENT FLOW ▶		401	403	404	405
TOTAL 60 DOCUMENTS [CLUSTERING]	★ COMPANY A (10)	★ COMPANY B (8)	★ COMPANY C (6)	★ COMPANY D	
ID USER SOFTWARE INFORMATION USER ID	[PH11-345183] INFORMATION PROCESSOR AND ... (COMPANY B) [P2001-216166] MAINTENANCE CONTROL METHOD FOR INFORMATION PROCESSOR, ... (COMPANY B) [P2002-304551] [PRIORITY] ■ INFORMATION PROCESSOR AND DESIGN (COMPANY B)				
(28) COMMAND COMPARISON ADDRESS REGISTOR EXECUTION ADDRESS AREA DEBUGGING	[PH11-327388] SEMICONDUCTOR EXPOSURE DEVICE (COMPANY A) [P2000-339920] METHOD AND SYSTEM FOR INFORMATION... (COMPANY A) [P2002-205945] [PRIORITY] ■ PERIPHERAL EQUIPMENT, INFORMATION PROCESSOR, COPYING ... (COMPANY A)	[P2000-065627] INFORMATION PROCESSING SYSTEM (COMPANY B) [P002-288816] ASSETS MANAGEMENT METHOD FOR INFORMATION... (COMPANY B) [P2000-088927] ELECTRONIC EQUIPMENT (COMPANY C)	[PS57-209551] CAREER MANAGING SYSTEM FOR INFORMATION... (COMPANY C) [PH04-16048] ADDRESS CONVERSION SYSTEM (COMPANY C) [PH11-097431] [PRIORITY] ■ DEVICE AND METHOD FOR SIMULATION (COMPANY C)	[PH11-203243] METHOD AND DEVICE FOR INFORMATION PROCESSING, INFORMATION... (COMPANY D) [PH04-16048] ADDRESS CONVERSION SYSTEM (COMPANY C) [P2001-03448] REMOTE LOADING EXECUTING METHOD AND SYSTEM, INFORMATION PROCESSOR, MANAGING DEVICE AND ...	[PH10-334065] INFORMATION PROCESSING METHOD, INFORMATION ...
(5) ELECTRONIC MAIL ELECTRONIC					

408

FIG.9

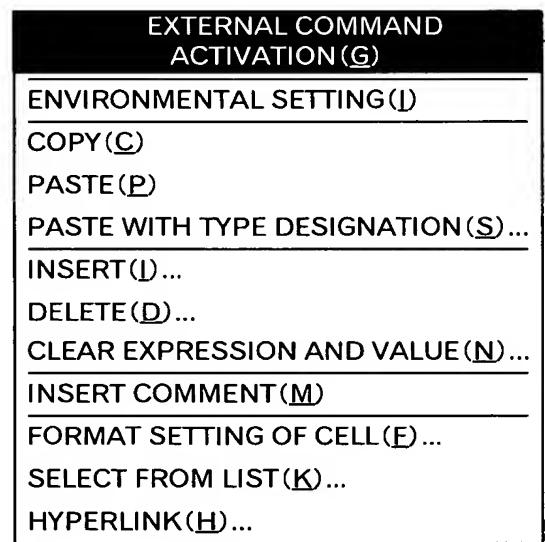


FIG.10

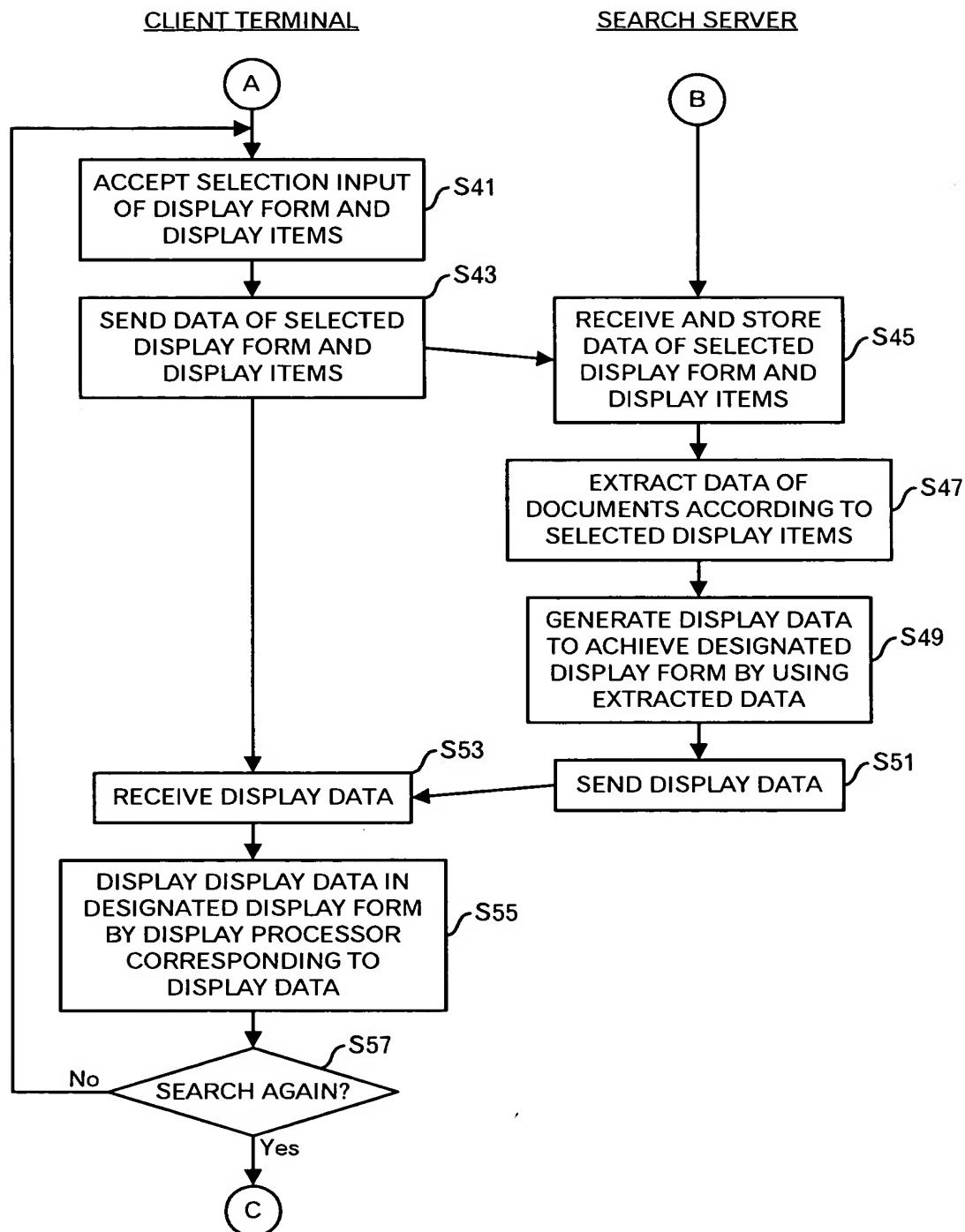


FIG.11

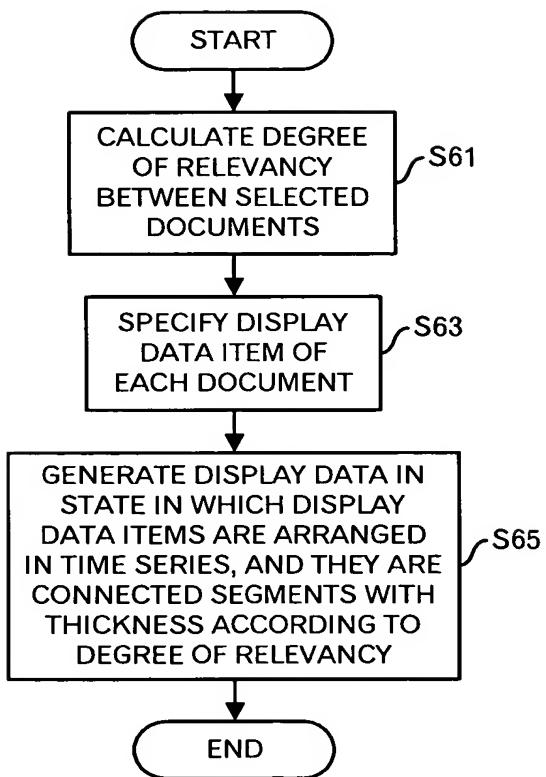


FIG.12

FIG.13

PUBLICATION NO.	1 PH11-327888	2 P2000-66927	3 PS57-209551	4 P2002-202945	5 PH04-288416	6 P2000-160448	7 PH10-88927	8 P2001-97431	9 P2001-34458	10 P2000-330920
1	—	0.026659	—	—	—	—	—	0.01437	0.027356	0.014073
2	—	—	—	0.022195	0.030203	—	—	0.017884	—	—
3	0.026659	—	—	—	—	—	0.010747	0.029673	—	—
4	—	—	—	—	—	—	—	—	—	0.069333
5	—	0.022195	—	—	0.057715	—	0.016643	0.02922	—	—
6	—	0.030203	—	—	0.057715	—	0.146054	—	—	—
7	—	—	0.010747	—	—	—	—	—	—	—
8	0.01437	0.017884	0.029673	—	0.016643	0.146054	—	—	—	—
9	0.027356	—	—	—	0.02922	—	—	—	—	0.066951
10	0.014073	—	—	0.069333	—	—	—	—	—	0.066951

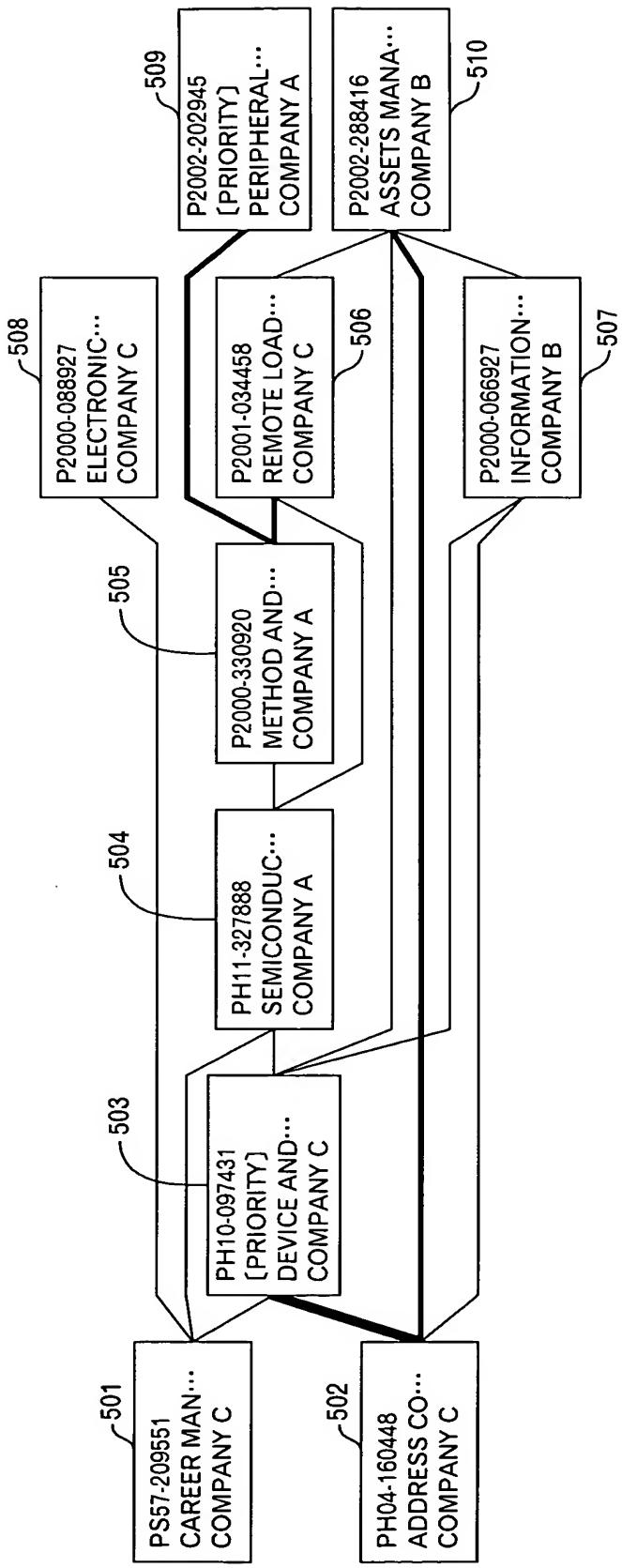


FIG.14

FIG.15

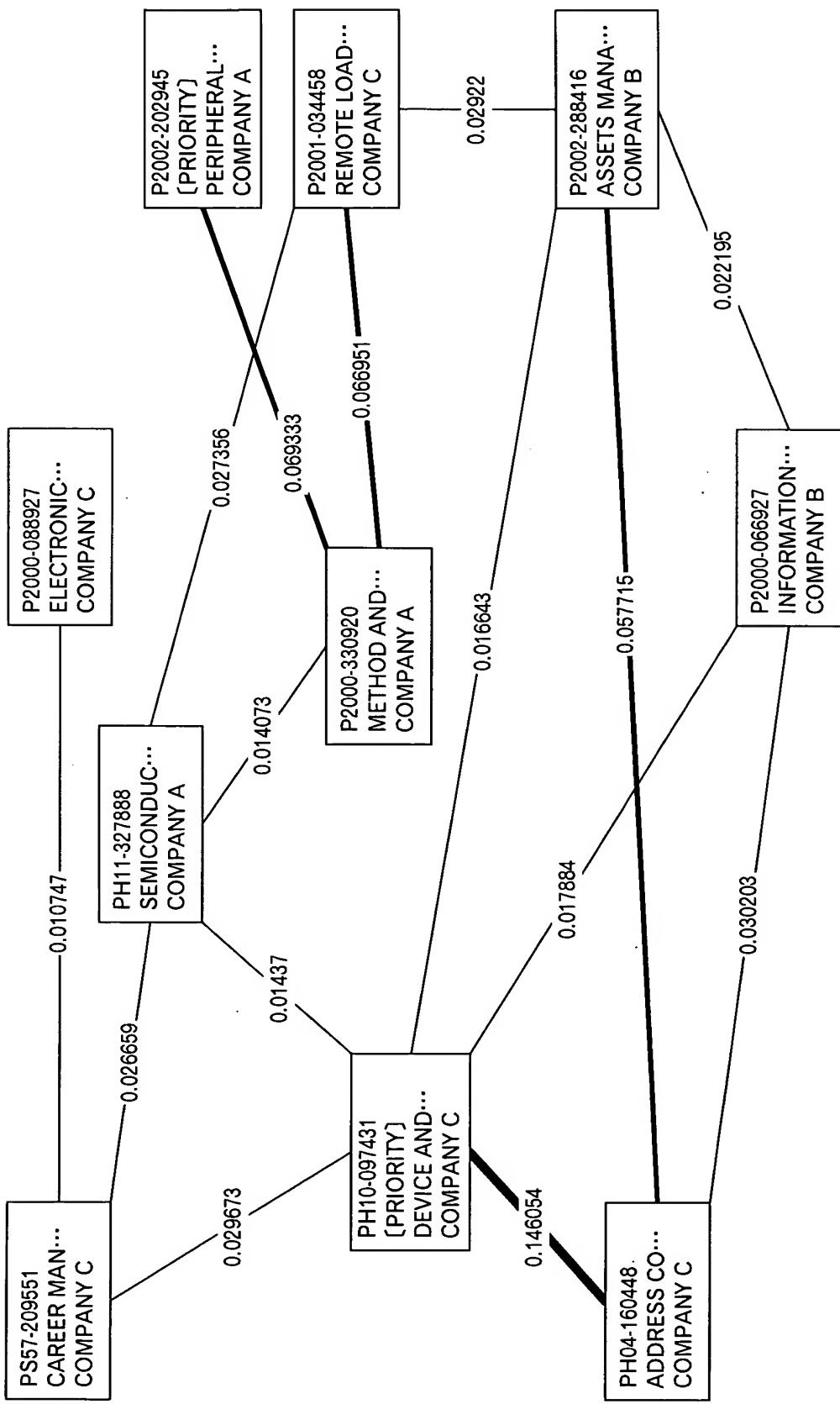


FIG.16

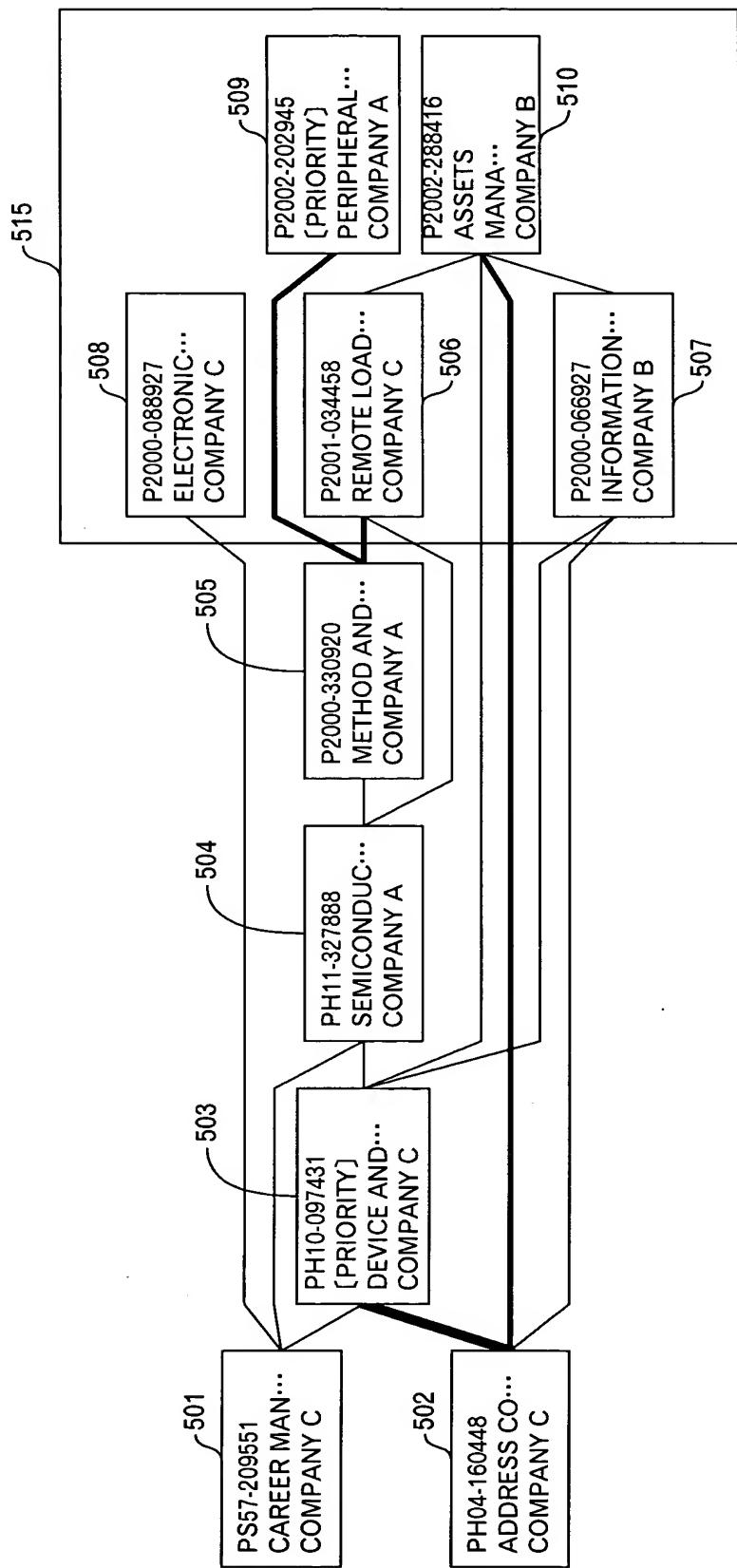
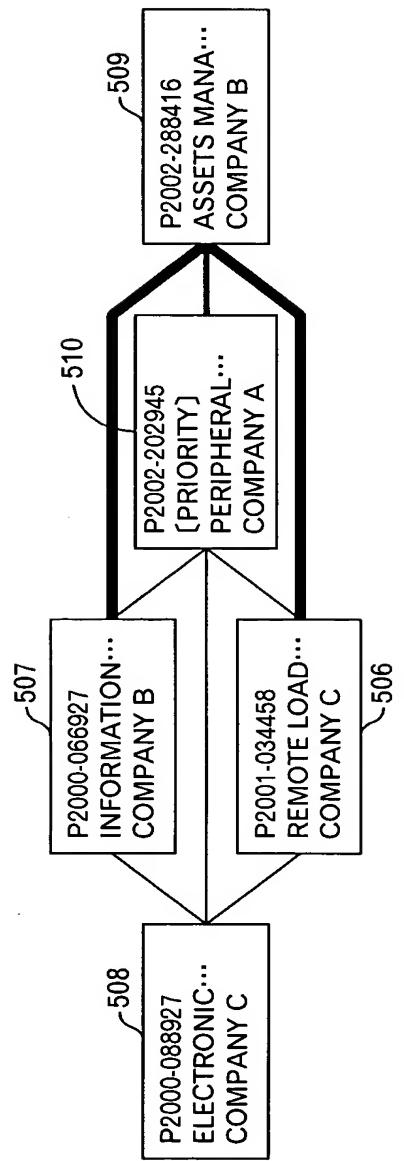


FIG.17



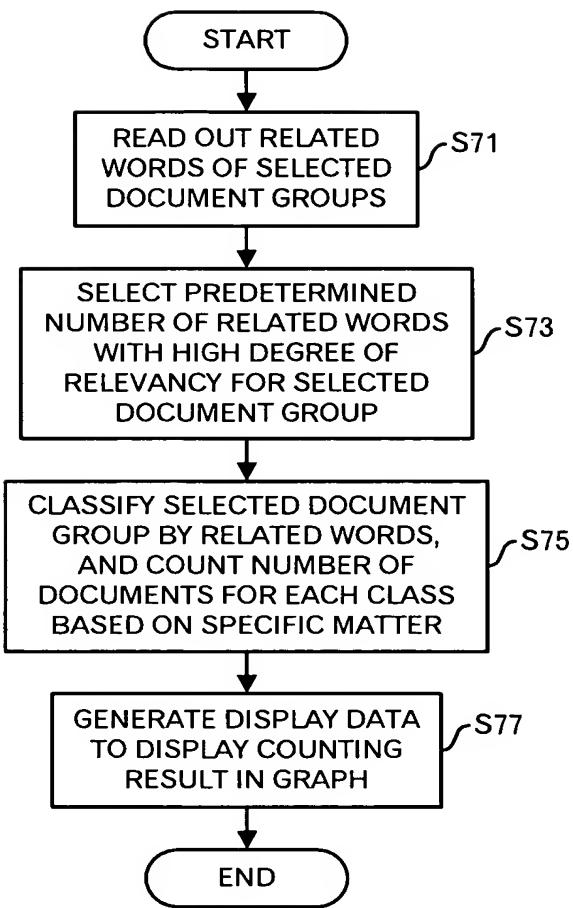


FIG.18

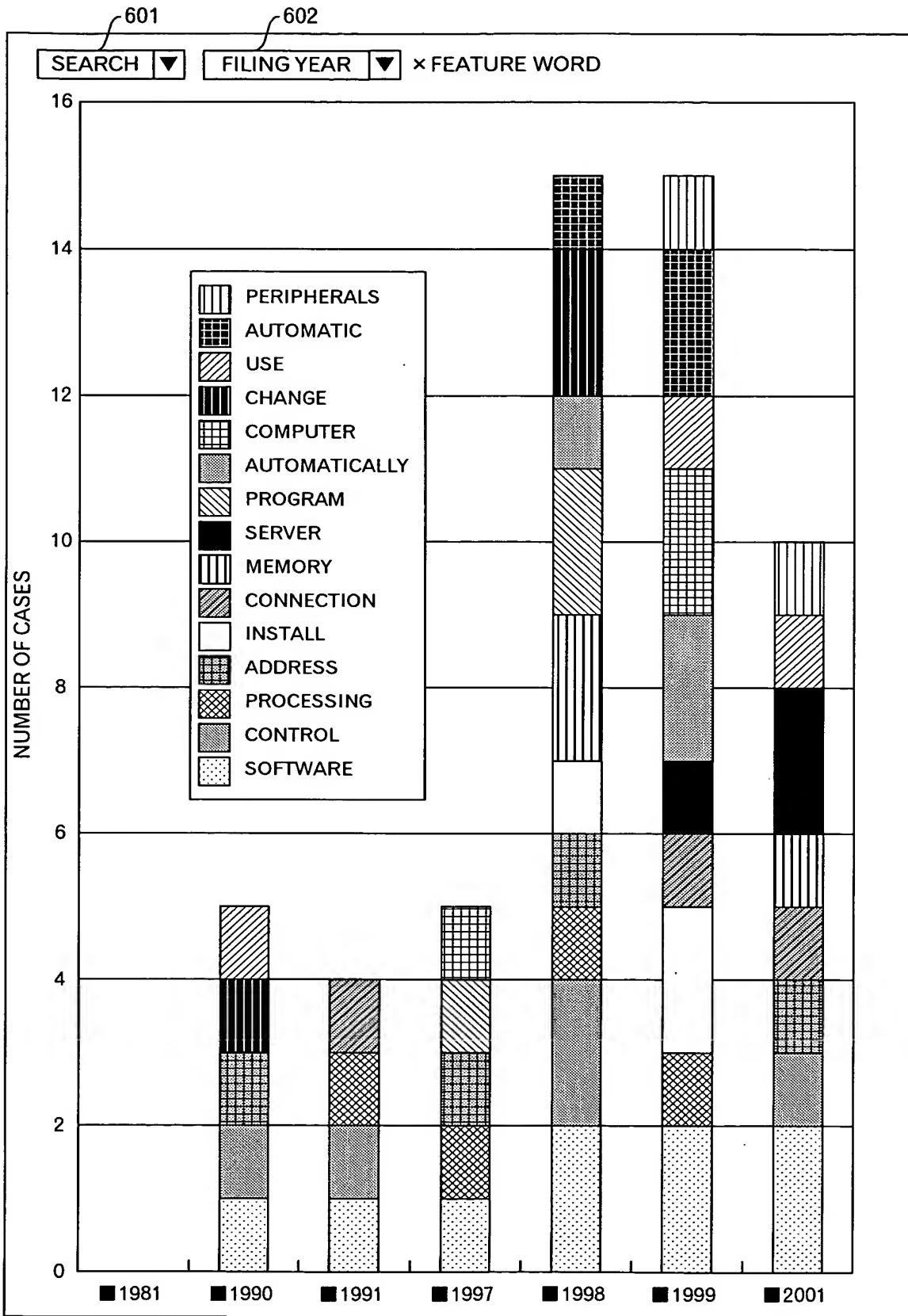


FIG.19

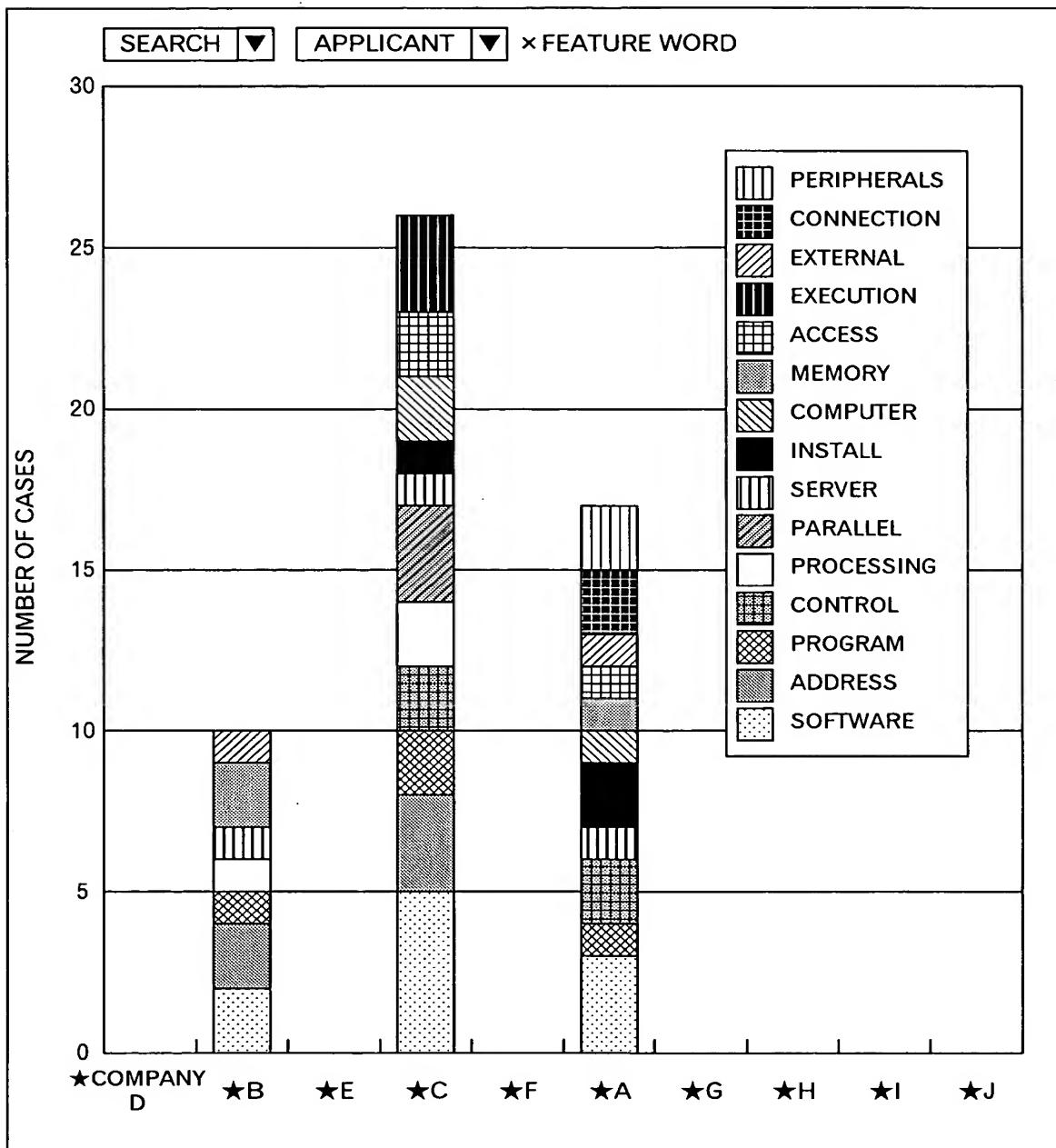


FIG.20

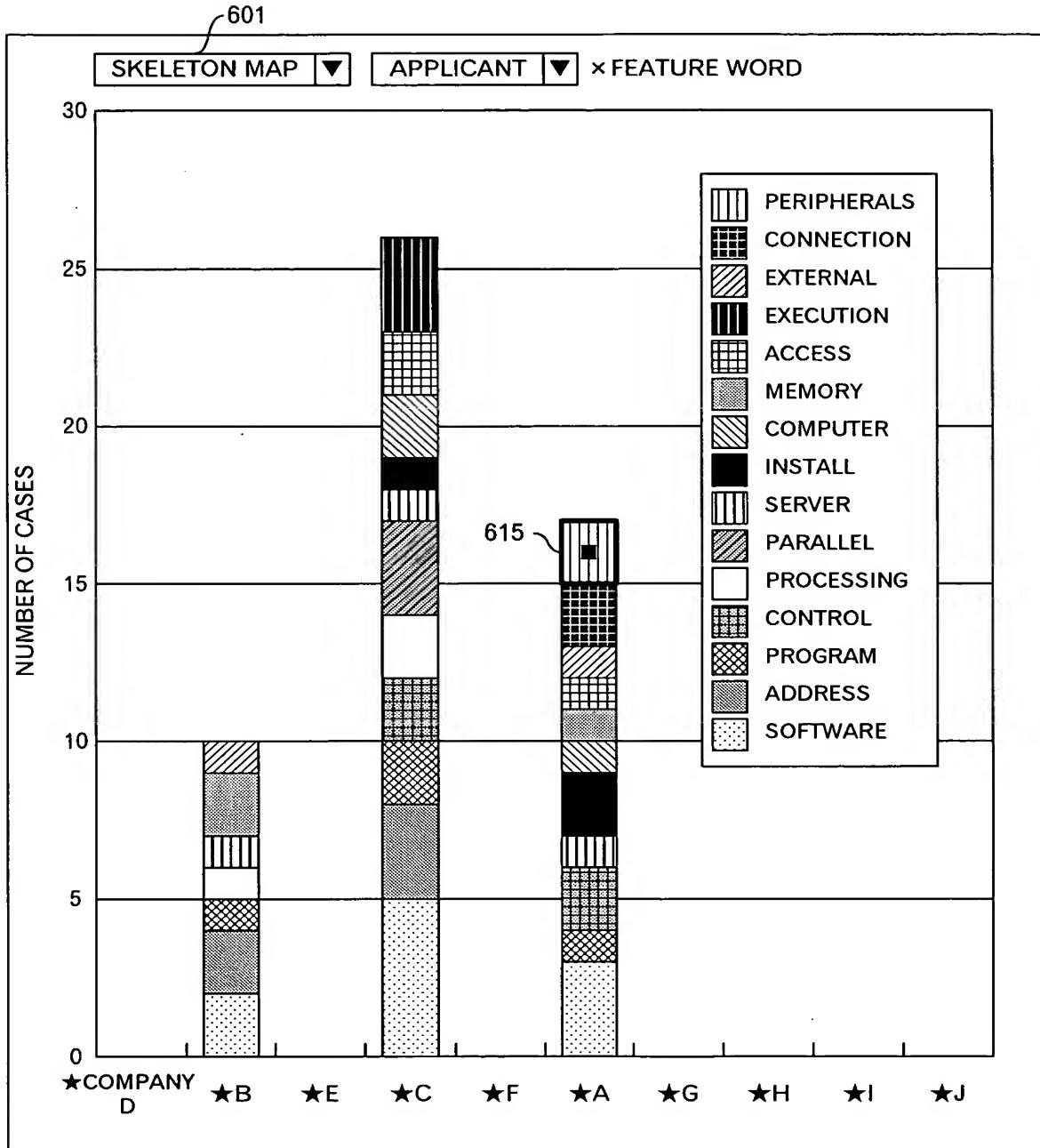


FIG.21

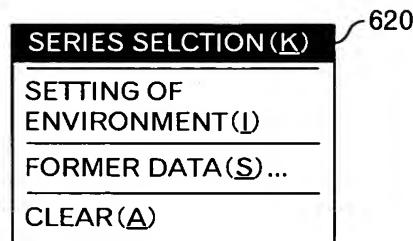


FIG.22

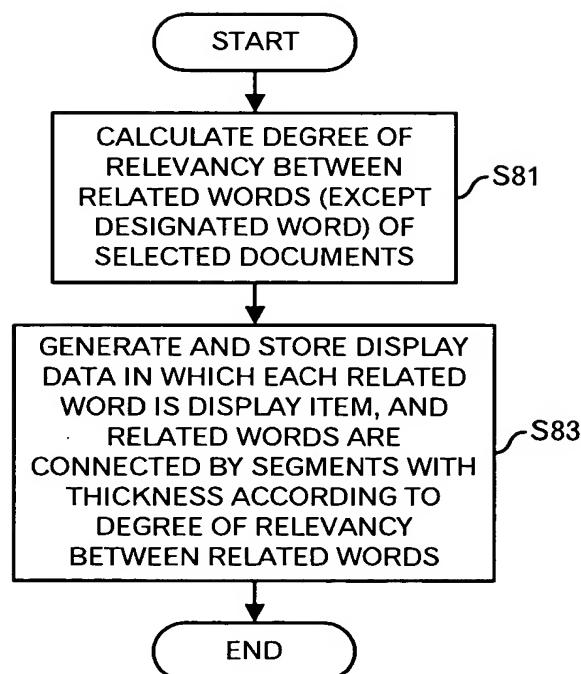
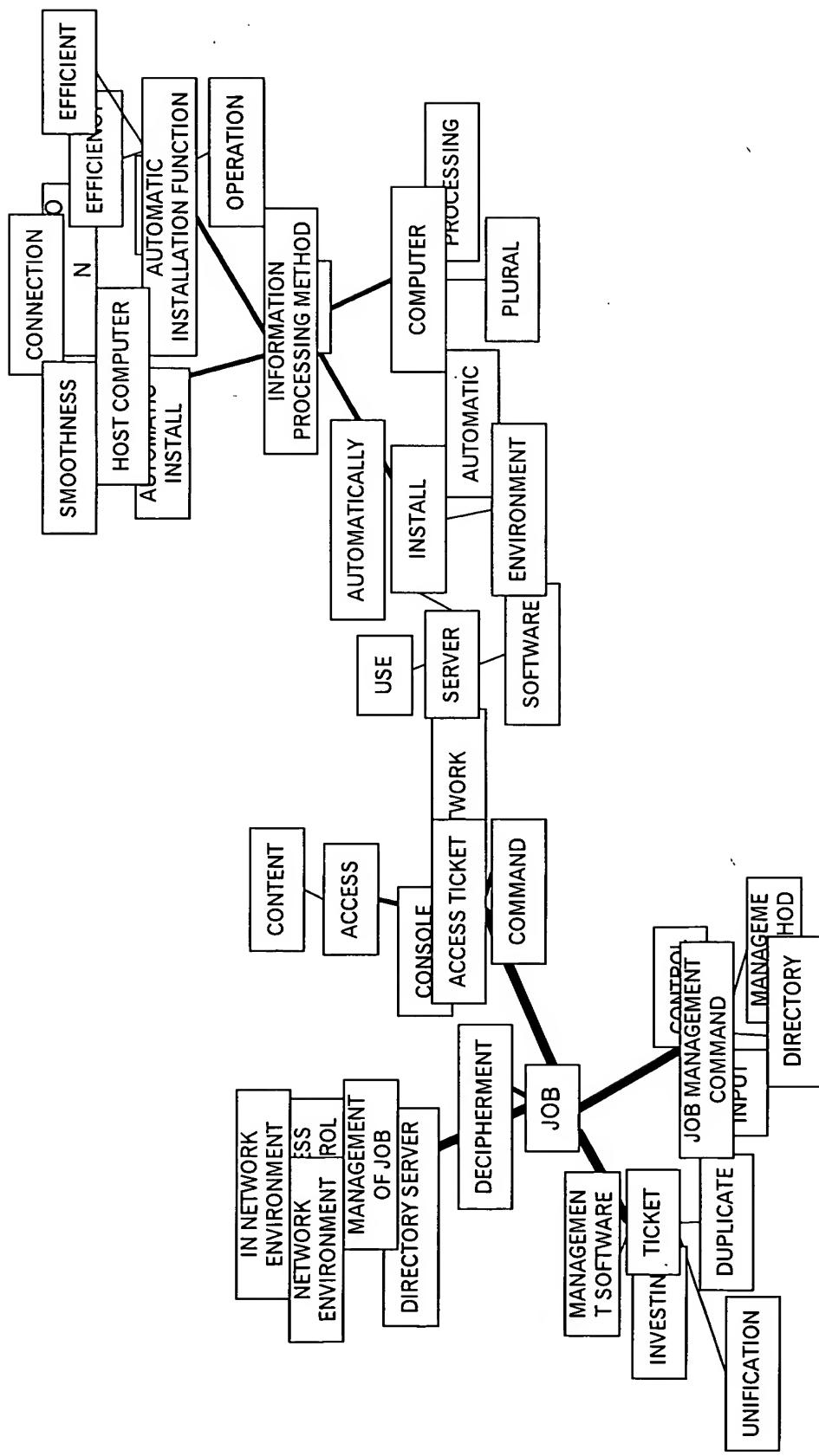


FIG.23

FIG.24



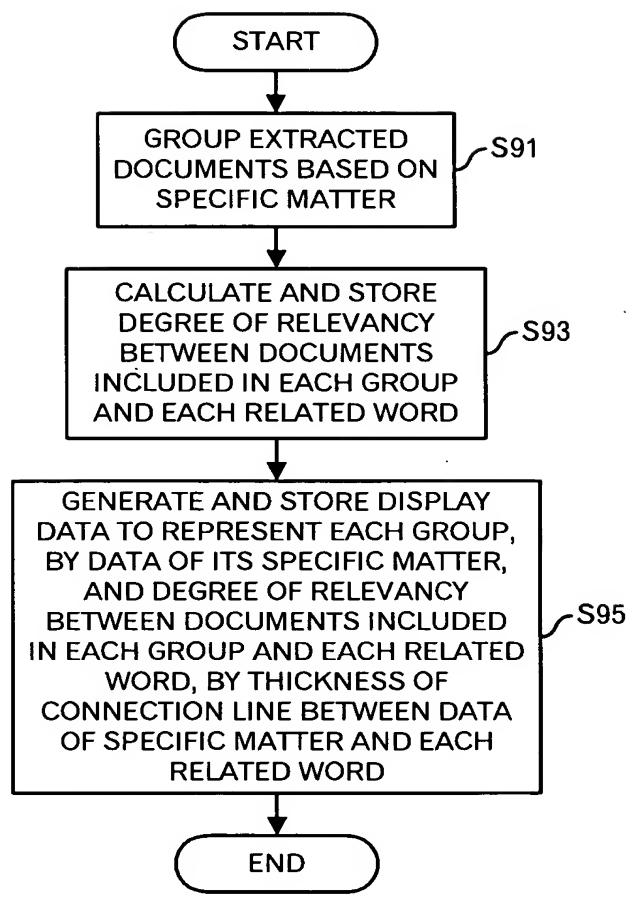


FIG.25



FIG. 26